

Co/25

PATENT Customer No. 22,852 Attorney Docket No. **02481.1737-01** 

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent No.: <b>7,026,331 B2</b>			
Inventors:	Olaf RITZELER, et al.	)	
Issue Date.: April 11, 2006		)	
For: Subs	TITUTED BETA CARBOLINES	)	Certificate  JUN 2 3 2006
Commissioner for Patents P.O. Box 1450			of Correction

#### REQUEST FOR CERTIFICATE OF CORRECTION

Sir:

Alexandria, VA 22313-1450

Pursuant to 35 U.S.C. § 254 and 37 C.F.R. § 1.322, and to 35 U.S.C. 255 and 37 C.F.R. 1.323, this is a request for the issuance of a Certificate of Correction in the above-identified patent. Two (2) copies of PTO Form 1050 are appended. The complete Certificate of Correction involves seven (7) pages.

The mistakes identified in the attached form and preceded by an asterisk (\*), occurred through the fault of the Patent Office, as clearly disclosed by the records of the application which matured into this patent.

The mistake identified in the attached form, and not preceded by an asterisk (\*), is of a clerical or typographical nature, or of minor character, and resulted from an error made in good faith by applicants. A check in the amount of \$100.00 (the fee set forth in 37 C.F.R. § 1.20(a)) is attached to cover the costs of issuing this Certificate. Should a check not be attached or should any additional fees be needed, authorization is hereby

06/21/2006 SZEWDIE1 00000058 7026331 01 FC:1811 100.00 OP

2006

given to charge any fees due in connection with the filing of this request to Deposit Account No. 06-0916.

Issuance of the Certificate of Correction containing the correction is earnestly requested.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

Dated: June 20, 2006

Ernest F. Chapman Reg. No. 25,961

PATENT NO.

7,026,331 B2

DATED:

April 11, 2006

**INVENTORS:** 

Olaf RITZELER, et al.

It is hereby certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

- \* On the Title Page, Item (54), in the Title, "BETA-CARBOLINES" should read --BETA CARBOLINES--.
  - \* In claim 1, column 73, line 54, "-ON," should read -- -CN,--.
  - \* In claim 1, column 74, line 9, "-CF<sub>3</sub>or" should read -- -CF<sub>3</sub> or--.
  - \* In claim 1, column 74, line 10, "-CF<sub>2</sub>-CF<sub>3</sub>," should read -- -CF<sub>2</sub>-CF<sub>3</sub>,--.
- \* In claim 2, column 75, line 5, "penta-substituted" should read --penta- substituted--.
- \* In claim 2, column 75, line 8, "penta-substituted" should read --penta- substituted--.
- \* In claim 2, column 75, line 19, "penta-substituted" should read --penta- substituted--.
  - \* In claim 2, column 75, line 21, "phenyi," should read --phenyl,--.
- \* In claim 2, column 75, line 22, "penta-substituted" should read --penta- substituted--.
- \* In claim 2, column 75, line 42, "penta-substituted" should read --penta- substituted--.

MAILING ADDRESS OF SENDER

Patent No. 7,026,331 B2

No. of additional copies @ 50¢ per page

PATENT NO.

7,026,331 B2

DATED:

April 11, 2006

**INVENTORS:** 

Olaf RITZELER, et al.

It is hereby certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

- \* In claim 2, column 75, line 49, "penta-substituted" should read --penta- substituted--.
- \* In claim 2, column 75, line 61, "-O(O)-NH-phenyl," should read -- -C(O)-NH-phenyl,--.
- \* In claim 2, column 75, lines 65-66, "penta-substituted" should read --penta- substituted--.
- \* In claim 2, column 76, line 5, "penta-substituted" should read --penta- substituted--.
- \* In claim 2, column 76, line 17, "penta-substituted" should read --penta- substituted--.
- \* In claim 2, column 76, line 37, "penta-substituted" should read --penta- substituted--.
  - \* In claim 2, column 76, line 40, "tri-substituted" should read --tri- substituted--.
- \* In claim 2, column 76, line 43, "penta-substituted" should read --penta- substituted--.
- \* In claim 2, column 76, lines 46-47, "penta-substituted" should read --penta- substituted--.

MAILING ADDRESS OF SENDER

Patent No. 7,026,331 B2

Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P. 901 New York Avenue, NW Washington, D.C. 20001-4413 No. of additional copies @ 50¢ per page

------ ( ... W)

PATENT NO.

7,026,331 B2

DATED:

April 11, 2006

**INVENTORS:** 

Olaf RITZELER, et al.

It is hereby certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

- \* In claim 2, column 76, line 52, "penta-substituted" should read --penta- substituted--.
  - \* In claim 2, column 76, line 56, "tri-substituted" should read --tri- substituted--.
- \* In claim 2, column 76, line 62, "penta-substituted" should read --penta- substituted--.
  - \* In claim 2, column 76, line 65, "tri-substituted" should read --tri- substituted--.
- \* In claim 2, column 77, line 5, "penta-substituted" should read --penta- substituted--.
- \* In claim 2, column 77, line 10, "penta-substituted" should read --penta- substituted--.
- \* In claim 2, column 77, line 14, "penta-substituted" should read --penta- substituted--.
  - \* In claim 2, column 77, line 16, after "7.11,", insert the following line:
    - --14. -O-( $C_1$ - $C_6$ )-alkyl-O-( $C_1$ - $C_6$ )-alkyl,--.
- \* In claim 2, column 77, line 17, "-O-( $C_1$ - $C_4$ )-alkyl-( $C_3$ - $C_7$ )-cycloalkyl," should read -- O-( $C_0$ -C<sub>4</sub>)-alkyl-( $C_3$ - $C_7$ )-cycloalkyl,--.

MAILING ADDRESS OF SENDER

Patent No. 7,026,331 B2

No. of additional copies @ 50¢ per page

PATENT NO.

7,026,331 B2

DATED:

April 11, 2006

**INVENTORS:** 

Olaf RITZELER, et al.

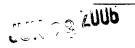
It is hereby certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

- \* In claim 2, column 77, line 20, "-CF<sub>3</sub>or" should read -- -CF<sub>3</sub> or--.
- \* In claim 2, column 77, line 24, "R<sup>5</sup>is" should read --R<sup>5</sup> is--.
- \* In claim 2, column 77, line 27, "penta-substituted" should read --penta- substituted--.
- \* In claim 2, column 77, line 31, "penta-substituted" should read --penta- substituted--.
  - \* In claim 3, column 77, line 51, "-( $C_1$ - $C_4$ )-alkyl," should read -- -( $C_1$ - $C_7$ )-alkyl,--.
  - \* In claim 3, column 77, line 56, "tri-substituted" should read --tri-substituted--.
- \* In claim 3, column 77, line 64, "penta-substituted" should read --penta- substituted--.
  - \* In claim 3, column 78, line 5, "tri-substituted" should read --tri- substituted--.
- \* In claim 3, column 78, line 11, "penta-substituted" should read --penta- substituted--.
  - \* In claim 3, column 78, line 22, "tri-substituted" should read --tri- substituted--.
  - \* In claim 4, column 78, line 30, "formuia" should read --formula--.

MAILING ADDRESS OF SENDER

Patent No. 7,026,331 B2

Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P. 901 New York Avenue, NW Washington, D.C. 20001-4413



PATENT NO.

7,026,331 B2

DATED:

April 11, 2006

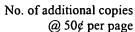
**INVENTORS:** 

Olaf RITZELER, et al.

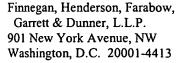
It is hereby certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

- \* In claim 4, column 78, line 62, "aryi" should read --aryl--.
- \* In claim 4, column 79, line 18, "R<sup>5</sup>is" should read --R<sup>5</sup> is--.
- \* In claim 4, column 79, line 27, "R<sup>9</sup>is" should read --R<sup>9</sup> is--.
- \* In claim 4, column 79, line 48, "tri-substituted" should read --tri- substituted--.
- \* In claim 4, column 79, line 64, "tri-substituted" should read --tri- substituted--.
- \* In claim 4, column 79, line 67, "ring atoms", should read --ring atoms,--.

MAILING ADDRESS OF SENDER



Patent No. 7,026,331 B2



PATENT NO.

7,026,331 B2

DATED:

April 11, 2006

**INVENTORS:** 

Olaf RITZELER, et al.

It is hereby certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

\* In claim 4, column 80, lines 5-12, in the structure for formula (III):

should read

In claim 4, column 80, line 27, "a acid," should read -- an acid, --.

\* In claim 13, column 82, line 42, after "hydroxyl", insert the line:

--c) aryl,--.

MAILING ADDRESS OF SENDER

Patent No. 7,026,331 B2

Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P. 901 New York Avenue, NW Washington, D.C. 20001-4413



PATENT NO.

7,026,331 B2

DATED:

April 11, 2006

**INVENTORS:** 

Olaf RITZELER, et al.

It is hereby certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

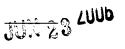
- \* In claim 13, column 82, line 55, "tri-substituted" should read --tri- substituted--.
- \* In claim 13, column 83, line 2, "tri-substituted" should read --tri- substituted--.

MAILING ADDRESS OF SENDER

Patent No. 7,026,331 B2

No. of additional copies

Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P. 901 New York Avenue, NW Washington, D.C. 20001-4413



PATENT NO.

7,026,331 B2

DATED:

April 11, 2006

**INVENTORS:** 

Olaf RITZELER, et al.

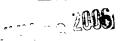
It is hereby certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

- \* On the Title Page, Item (54), in the Title, "BETA-CARBOLINES" should read --BETA CARBOLINES--.
  - \* In claim 1, column 73, line 54, "-ON," should read -- -CN,--.
  - \* In claim 1, column 74, line 9, "-CF<sub>3</sub>or" should read -- -CF<sub>3</sub> or--.
  - \* In claim 1, column 74, line 10, "-CF<sub>2</sub>-CF<sub>3</sub>," should read -- -CF<sub>2</sub>-CF<sub>3</sub>,--.
- \* In claim 2, column 75, line 5, "penta-substituted" should read --penta- substituted--.
- \* In claim 2, column 75, line 8, "penta-substituted" should read --penta- substituted--.
- \* In claim 2, column 75, line 19, "penta-substituted" should read --penta- substituted--.
  - \* In claim 2, column 75, line 21, "phenyi," should read --phenyl,--.
- \* In claim 2, column 75, line 22, "penta-substituted" should read --penta- substituted--.
- \* In claim 2, column 75, line 42, "penta-substituted" should read --penta- substituted--.

MAILING ADDRESS OF SENDER

Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P. 901 New York Avenue, NW Washington, D.C. 20001-4413 No. of additional copies @ 50¢ per page

Patent No. 7,026,331 B2



PATENT NO.

7,026,331 B2

DATED:

April 11, 2006

**INVENTORS:** 

Olaf RITZELER, et al.

It is hereby certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

- \* In claim 2, column 75, line 49, "penta-substituted" should read --penta- substituted--.
- \* In claim 2, column 75, line 61, "-O(O)-NH-phenyl," should read -- -C(O)-NH-phenyl,--.
- \* In claim 2, column 75, lines 65-66, "penta-substituted" should read --penta- substituted--.
- \* In claim 2, column 76, line 5, "penta-substituted" should read --penta- substituted--.
- \* In claim 2, column 76, line 17, "penta-substituted" should read --penta- substituted--.
- \* In claim 2, column 76, line 37, "penta-substituted" should read --penta- substituted--.
  - \* In claim 2, column 76, line 40, "tri-substituted" should read --tri- substituted--.
- \* In claim 2, column 76, line 43, "penta-substituted" should read --penta- substituted--.
- \* In claim 2, column 76, lines 46-47, "penta-substituted" should read --penta- substituted--.

MAILING ADDRESS OF SENDER

Patent No. 7,026,331 B2

No. of additional copies @ 50¢ per page



PATENT NO.

7,026,331 B2

DATED:

April 11, 2006

**INVENTORS:** 

Olaf RITZELER, et al.

It is hereby certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

- \* In claim 2, column 76, line 52, "penta-substituted" should read --penta- substituted--.
  - \* In claim 2, column 76, line 56, "tri-substituted" should read --tri- substituted--.
- \* In claim 2, column 76, line 62, "penta-substituted" should read --penta- substituted--.
  - \* In claim 2, column 76, line 65, "tri-substituted" should read --tri- substituted--.
- \* In claim 2, column 77, line 5, "penta-substituted" should read --penta- substituted--.
- \* In claim 2, column 77, line 10, "penta-substituted" should read --penta- substituted--.
- \* In claim 2, column 77, line 14, "penta-substituted" should read --penta- substituted--.
  - \* In claim 2, column 77, line 16, after "7.11,", insert the following line:
    - --14.  $-O-(C_1-C_6)$ -alkyl- $O-(C_1-C_6)$ -alkyl,--.
- \* In claim 2, column 77, line 17, "-O-( $C_1$ - $C_4$ )-alkyl-( $C_3$ - $C_7$ )-cycloalkyl," should read -- -O-( $C_0$ - $C_4$ )-alkyl-( $C_3$ - $C_7$ )-cycloalkyl,--.

MAILING ADDRESS OF SENDER

Patent No. 7,026,331 B2

Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P. 901 New York Avenue, NW Washington, D.C. 20001-4413



PATENT NO.

7,026,331 B2

DATED:

April 11, 2006

**INVENTORS**:

Olaf RITZELER, et al.

It is hereby certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

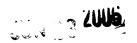
- \* In claim 2, column 77, line 20, "-CF3or" should read -- -CF3 or--.
- \* In claim 2, column 77, line 24, "R<sup>5</sup>is" should read --R<sup>5</sup> is--.
- \* In claim 2, column 77, line 27, "penta-substituted" should read --penta- substituted--.
- \* In claim 2, column 77, line 31, "penta-substituted" should read --penta- substituted--.
  - \* In claim 3, column 77, line 51, "- $(C_1-C_4)$ -alkyl," should read -- - $(C_1-C_7)$ -alkyl,--.
  - \* In claim 3, column 77, line 56, "tri-substituted" should read --tri- substituted--.
- \* In claim 3, column 77, line 64, "penta-substituted" should read --penta- substituted--.
  - \* In claim 3, column 78, line 5, "tri-substituted" should read --tri- substituted--.
- \* In claim 3, column 78, line 11, "penta-substituted" should read --penta- substituted--.
  - \* In claim 3, column 78, line 22, "tri-substituted" should read --tri- substituted--.
  - \* In claim 4, column 78, line 30, "formuia" should read --formula--.

Pate

Patent No. 7,026,331 B2

No. of additional copies @ 50¢ per page

MAILING ADDRESS OF SENDER



PATENT NO.

7,026,331 B2

DATED:

April 11, 2006

**INVENTORS:** 

Olaf RITZELER, et al.

It is hereby certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

- \* In claim 4, column 78, line 62, "aryi" should read --aryl--.
- \* In claim 4, column 79, line 18, "R<sup>5</sup>is" should read --R<sup>5</sup> is--.
- \* In claim 4, column 79, line 27, "R<sup>9</sup>is" should read --R<sup>9</sup> is--.
- \* In claim 4, column 79, line 48, "tri-substituted" should read --tri- substituted--.
- \* In claim 4, column 79, line 64, "tri-substituted" should read --tri- substituted--.
- \* In claim 4, column 79, line 67, "ring atoms", should read --ring atoms,--.

MAILING ADDRESS OF SENDER

Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P. 901 New York Avenue, NW Washington, D.C. 20001-4413 Patent No. 7,026,331 B2



PATENT NO.

7,026,331 B2

DATED:

April 11, 2006

**INVENTORS:** 

Olaf RITZELER, et al.

It is hereby certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

\* In claim 4, column 80, lines 5-12, in the structure for formula (III):

should read

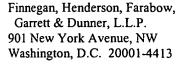
In claim 4, column 80, line 27, "a acid," should read -- an acid,--.

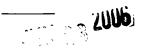
\* In claim 13, column 82, line 42, after "hydroxyl", insert the line:

--c) aryl,--.

MAILING ADDRESS OF SENDER

Patent No. 7,026,331 B2





PATENT NO.

7,026,331 B2

DATED:

April 11, 2006

**INVENTORS:** 

Olaf RITZELER, et al.

It is hereby certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

- \* In claim 13, column 82, line 55, "tri-substituted" should read --tri- substituted--.
- \* In claim 13, column 83, line 2, "tri-substituted" should read --tri- substituted--.

MAILING ADDRESS OF SENDER

Patent No. 7,026,331 B2

No. of additional copies

Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P. 901 New York Avenue, NW Washington, D.C. 20001-4413 No. of additional copies @ 50¢ per page

2005